



Datasheet for ABIN513071
anti-ACO2 antibody (AA 1-179)



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1 Publication

Overview

Quantity:	100 µg
Target:	ACO2
Binding Specificity:	AA 1-179
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACO2 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ACO2.
Immunogen:	ACO2 (AAH14092, 1 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAPYSLLVTR LQKALGVRQY HVASVLCQRA KVAMSHFEPN EYIHYDLLEK NINIVRKRLN RPLTLSEKIV YGHLDDPASQ EIERGKSYLR LRPDRVAMQD ATAQMAMLQF ISSGLSKVAV PSTIHCDHLI EAQVGGEKDL RRAKDINQEV YNFLATAGAK YGVGFWKPGS GIIHQIILE
Clone:	1A11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ACO2
Alternative Name:	ACO2 (ACO2 Products)
Background:	Full Gene Name: aconitase 2, mitochondrial Synonyms: ACONM,MGC20605,MGC33908
Gene ID:	50

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Lin, Brownsey, MacLeod: "Regulation of mitochondrial aconitase by phosphorylation in diabetic rat heart." in: Cellular and molecular life sciences : CMLS , Vol. 66, Issue 5, pp. 919-32, (2009) (PubMed).
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